# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L4 | 306 | 375/283 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:09 |
| L5 | 353 | 375/330 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:09 |
| L6 | 397 | DQPSK with QPSK | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:32 |
| L7 | 21 | 4 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:29 |
| L8 | 353 | 5 and 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:10 |
| L9 | 16 | 5 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:10 |
| L10 | 19 | (DQPSK with QPSK).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:34 |
| L11 | 32 | (DQPSK and QPSK).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:34 |

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| L12 | 18 | "g.sub.i" and "b.sub.i" and dsl | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L13 | 2 | "6829314".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L14 | 21 | dqpsk with demodulator with qpsk | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L15 | 1 | "09/929714" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L16 | 194 | dqpsk with demodulator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L17 | 1566128 | dqpsk with demodulator and "3" ad bit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L18 | 15 | dqpsk with demodulator and "3" adj bit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L19 | 397 | DQPSK with QPSK | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |

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| L20 | 698 | dqpsk adj modulat$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L21 | 127 | dqpsk adj modulator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L22 | 0 | "2001/0031024".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L23 | 1 | DQPSK same QPSK same "xor" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L24 | 9 | DQPSK with QPSK with degree | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:52 |
| L25 | 4 | DQPSK with QPSK with conversion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:40 |
| L26 | 48 | DQPSK and QPSK and "xor" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L27 | 2 | "5369378".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |

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|---|---|---|---|---|---|---|
| L28 | 39 | dqpsk adj modulator and (two adj bit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L29 | 2 | "5355092".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L30 | 2 | "5313493".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
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| L32 | 68 | dqpsk adj demodulator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L33 | 2 | "5355092".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L34 | 2 | "5355092".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L35 | 2 | "5313493".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |

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| L36 | 2 | "5369378".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L37 | 12 | ("4481640" \| "4628271" \| "4922206" \| "5007068").PN. OR ("5313493").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/15 15:35 |
| L38 | 18 | "g.sub.i" and "b.sub.i" and dsl | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L39 | 2 | "6829314".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:35 |
| L40 | 10 | "08/218236" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:41 |
| L41 | 2 | "5909460".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:42 |
| L42 | 2 | "5673291".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:42 |
| L43 | 24 | DQPSK with QPSK with (convert$3 or traslat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:52 |

**Web** Results **1** - **10** of about **76** for **"pi/4 DQPSK" QPSK and translating**. (**0.92** seconds)

United States Patent Application: 0030072383
Further, there is a need for more simple technique for **translating Pi/4 DQPSK** symbols into **QPSK** symbols. Yet further, there is a need for an optimized and ...
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[PDF] Caesars Palace TR45.3.AHIC/98.08.17.04R1 TITLE: UWC-136 Self ...
File Format: PDF/Adobe Acrobat
The maximum delay spread for **pi/4-DQPSK** modulation is 41.152 us. (ie one symbol) ...
136 and 136+ supports most ISDN features via **translation** functions. ...
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EE535 Homework #11
This is achieved using **pi/4 DQPSK** with root-raised cosine pulse shaping at channel ...
Some of the most important types of this modulation are **QPSK**, OQPSK, ...
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**translation** device. The complexity of. these systems range from office to ... The **Pi/4 DQPSK** system uses two. **QPSK** constellations offset by 45 ...
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LO frequency (MHz): The frequency **translation** of The ACPR minimization ... of earth station Amplifiers used for **QPSK** transmission, IEEE J. select Areas ...
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sideband of The mixer output at each frequency **translation** and therefore there are ...
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[Pout_dBcIMD]. Carrier to 3rd-order IMD: The output Carrier to 3rd-order ...
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## Reference

[LOfreq] LO Frequency (MHz): The Frequency **translation** of The ACPR Minimization ...
used for **QPSK** transmission, IEEE J. Select Areas Communications, vol. ...
students.engr.scu.edu/ ~ychen0/adsdoc/dglin/dglin026.html - 61k - Supplemental Result -
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Refine you
using thes
found in t
decoder
demodulati

Or refine
All of the

Refine

☐ **1.** DIVERSITY PI/4-DQPSK DEMODULATION
**DENT, Paul, W. / CROFT, Thomas, M. / ERICSSON, INC.**, *PATENT COOPERATION TREATY APPLICATION*, Oct 1995
I DIVERSITY **PI/4-DQPSK** DEMODULATION BACKGROUND...modulation scheme such as **Pi/4-DQPSK**. The use of **Pi/4-DQPSK**...diagram of a single channel **Pi/4-DQPSK** receiver according to...values can be numerically **converted** to Cartesian (I,Q) components...
**Full text available at patent office. For more in-depth searching go to** LexisNexis
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☐ **2.** EFFICIENT APPARATUS FOR SIMULTANEOUS MODULATION AND DIGITAL BEAMFORMING FOR AN ANTENNA ARRAY
**DENT, Paul, W. / ERICSSON INC.**, *EUROPEAN PATENT*, Sep 1998
...signals such as speech, are **converted** to digital signals using AtoD **convertors** 10. The output signals from the AtoD **converter** 10 may, for example, be PCM...modulation techniques such as PSK, **QPSK**, Offset-**QPSK**, **Pi/4-DQPSK**, 16QAM and so on. In PSK...
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☐ **3.** Communications Blockset User's Guide [PDF-613K]
Sep 2000
...1-12 Unbuffering to **Convert** Vectors to Scalars...1-18 Buffering to **Convert** Scalars to Vectors . ...4-86 Bit to Integer **Converter**...
[http://www.socsci.umn.edu/doc/matlab/pdf_doc/commblks/...]
similar results

☐ **4.** ENEE429W [Word-19K]
Nov 1999
...displays for FM, FSK, BPSK, and **QPSK** signal demodulation. To speed...bit 40 Msample/second A/D **converter**, Texas Instruments TMS320C50...simulate BPSK demodulation and **QPSK** demodulation scheme. The constellation...HSP50214 EVALUATION BOARD **Pi/4 DQPSK** Modulator Amplifier **Pi/4 DQPSK** Demodulator Amplifier I...
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similar results

☐ **5.** Design of Integrated Low Power Radio [PDF-369K]

Sep 1997
Kuhn and VPI & SU 1995 APPROVED: Aicha Elshabini-Riad, Co-chairman F. William Stephenson, Co-chairman Peter M. Athanas Lee W. Johnson Charles W. Bostian Timothy Pratt December, 1995 Blacksburg, Virginia Design of Integrated, Low Power, Radio Receivers in BiCMOS Technologies by William B.
more hits from [http://scholar.lib.vt.edu/theses/public/etd-81197-1641...]
similar results

☐ **6.** SIMULTANEOUS DEMODULATION AND DECODING OF A DIGITALLY MODULATED RADIO SIGNAL
**DENT, Paul, W. / Ericsson Inc.**, *EUROPEAN PATENT*, Aug 1996
...modulation scheme known as **Pi/4-DQPSK** can be used in which the phase...signal to be transmitted is **converted** into a digital bitstream by...kilosamples/second PCM AtoD **convertor** followed by a Residual Excited...similar circuit. Encoder 20 **converts** speech to a low bitrate while...
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☐ **7.** SIMULTANEOUS DEMODULATION AND DECODING OF A DIGITALLY MODULATED RADIO SIGNAL
**DENT, Paul, W. / ERICSSON INC.**, *PATENT COOPERATION TREATY APPLICATION*, Mar 1996
...modulation scheme known as **Pi/4-DQPSK** can be used in which the phase...signal to be transmitted is **converted** into a digital bitstream by...kilosamples/second PCM AtoD **convertor** followed by a Residual Excited...similar circuit. Encoder 20 **converts** speech to a low bitrate while...
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☐ **8.** Design of Integrated Low Power Radio [PDF-401K]
Oct 1998
Kuhn and VPI & SU 1995 APPROVED: Aicha Elshabini-Riad, Co-chairman F. William Stephenson, Co-chairman Peter M. Athanas Lee W. Johnson Charles W. Bostian Timothy Pratt December, 1995 Blacksburg, Virginia Design of Integrated, Low Power, Radio Receivers in BiCMOS Technologies by William B.
[http://scholar.lib.vt.edu/theses/available/etd-81197-1...]
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# Inventor Information for 09/929714

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| FALKENBERG, ANDREAS | ESCONDIDO | CALIFORNIA |

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